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CLAIMS

1. A drive device of an ultrasonic linear motor in which a rail and a base body are driven movably relative to one another by a driving part interposed between
5 the rail and the base body, the driving part comprising:
at least a left-right pair of rollers making contact with side faces of the rail;
at least a left-right pair of ultrasonic vibrators for applying a turning force individually to each of the pair of rollers; and
10 urging means for urging the ultrasonic vibrators and the rollers toward the side faces of the rail.
2. A drive device according to claim 1, wherein the ultrasonic vibrators and the rollers and the urging means are received en bloc in a holding frame and fitted
15 to the base body via the holding frame, and the rollers are removably mounted to the holding frame.
3. A drive device according to claim 1, wherein the rail has an upper face for bearing the load of the base body and sloping side faces formed on its left and
20 right side faces, the base body has opposing faces facing the sloping side faces, and the rail is gripped by the rollers, which are mounted on the opposing faces and make contact with the sloping side faces, and a bottom face of the base body.